AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A wireless communications system comprising at least one

wireless communication ~~terminals~~ terminal and a wireless communication ~~serer~~ server, wherein

the wireless communications system is able to be connected to at least two kinds of

wireless communication networks simultaneously, two of the wireless communication networks

are to ~~be selected~~ work as a basic access network and a wireless access network, respectively[[,

and]];

the basic access network ~~deals~~ is able to deal with ~~both data communications and~~ data

communications in addition to signaling communication, ~~which continuously changes from one~~

~~wireless communication to another,~~ and the wireless access network deals with ~~any other~~

~~communications other than the signaling communication~~ only data communications; and

when the wireless communication terminal detects communication trouble in the wireless

access network, to which the wireless communication terminal is currently connecting, the

wireless communication terminal searches a new wireless communication network available, and

the wireless communication terminal temporary uses the currently-connecting basic access

network for data communications in addition to signaling communication until the new wireless

communication network is designated as a new wireless access network.

~~each of the wireless communication terminals comprises a seamless application~~

~~processing unit for executing connection processing to the basic access network and~~

~~connection/disconnection processing to and from the wireless access network, a basic access~~

~~network client processing unit having a client function in the signaling communication, a~~

~~multicast communication node application processing unit for setting multicast reception using at~~

~~least the two kinds of the wireless communication networks, and respective network devices~~

~~corresponding to the respective wireless communication networks, and the respective wireless~~

~~communication terminal identifies the geographical position of the respective wireless~~

~~communication terminal and informs the wireless communication server of the geographical~~

~~position of the respective wireless communication terminal; and~~

~~the wireless communication server comprises a home agent application processing unit~~

~~for setting a multicast transmission using at least the two kinds of the wireless communication~~

~~networks, a basic access network server processing unit for notifying, when the wireless~~

~~communication networks are continuously switched, the wireless communication terminals of a~~

~~wireless communication network acting as a switching candidate, for managing the signaling~~

~~communication for communicating the status of the respective wireless communication terminals~~

~~therebetween, and for managing the registration/update processing of the respective wireless~~

~~communication terminals, a terminal status table for managing the status of the respective~~

~~wireless communication terminals, a terminal configuration table for managing wireless~~

~~communication network interfaces implemented in the respective wireless communication~~

~~terminals, and a preference setting table for managing the order of the wireless communication~~

~~networks acting as switching candidates when the wireless communication networks are~~

~~continuously switched, and the wireless communication server updates the geographical position~~

~~of the respective wireless communication terminal, which is obtained from the respective~~

~~wireless communication terminal, and informs the wireless communication terminal of available~~

~~wireless networks when the respective wireless communication terminal enters an out-of-service~~

~~area.~~

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2. (Currently Amended) The wireless communications system according to ~~claim 1~~claim 8, wherein

the wireless communication server comprises two servers of,

a home agent server comprising the home agent application processing unit and the basic access network server processing unit,

and a resource server comprising the terminal status table, the terminal configuration table, and the preference setting table; and

the basic access network server processing unit obtains or registers the information in the respective tables of the resource server through a wired or wireless communication network.

3. (Currently Amended) The wireless communications system according to ~~any one of claims 1 and 2~~claim 7, wherein:

when the seamless application processing unit of the wireless communication terminal executes connection processing to the basic access network, the seamless application processing unit tries to connect to the network with reference to basic access network candidate information that in advance records the wireless communication networks used as a candidate for the basic access network as well as when the network cannot be connected, the seamless application processing unit executes processing for sequentially trying to connect to a next candidate network.

4. (Currently Amended) The wireless communications system according to ~~claim 1~~claim

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7, wherein when the network device of a wireless communication terminal detects abnormal communication of the wireless access network, after the seamless application processing unit notifies the multicast communication node processing application unit of switching of communication to the basic access network and then switches the communication, the seamless application processing unit tries to connect to a wireless access network acting as a next candidate with reference to wireless access network candidate information that in advance records the candidates of wireless communication networks used as the wireless access network as well as when the network cannot be connected, the seamless application processing unit executes processing for sequentially trying to do network connection to a next candidate in the condition that the wireless access network is not the same as the basic access network and the basic access network is connected.

5. (Currently Amended) The wireless communications system according to ~~claim 1~~claim 7, wherein when a user instructs to switch the wireless access network or the basic access network in the wireless communication terminal, after the seamless application processing unit notifies the multicast communication node application processing unit of switching of communication to the basic access network, the seamless application processing unit executes processing for changing network connection from the current wireless access network or basic access network to a specified wireless access network or basic access network.

6. (Currently Amended) The wireless communications system according to ~~claim 1~~claim 8, wherein the terminal status table provides information relating to at least the identification

symbols of the wireless communication terminals, the basic access network in use, the wireless

access network in use, and a multicast communication status.

7. (New) The wireless communications system according to claim 1, wherein:

the wireless communication terminal comprises a seamless application processing unit

for executing connection processing to the basic access network and connection/disconnection

processing to and from the wireless access network, a basic access network client processing unit

having a client function in the signaling communication, a multicast communication node

application processing unit for setting multicast reception using at least the two kinds of the

wireless communication networks, and respective network devices corresponding to the

respective wireless communication networks, and the respective wireless communication

terminal identifies the geographical position of the respective wireless communication terminal

and informs the wireless communication server of the geographical position of the respective

wireless communication terminal.

8. (New) The wireless communications system according to claim 1, wherein:

the wireless communication server comprises a home agent application processing unit

for setting a multicast transmission using at least the two kinds of the wireless communication

networks, a basic access network server processing unit for notifying, when the wireless

communication networks are continuously switched, the wireless communication terminals of a

wireless communication network acting as a switching candidate, for managing the signaling

communication for communicating the status of the respective wireless communication terminals

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therebetween, and for managing the registration/update processing of the respective wireless communication terminals, a terminal status table for managing the status of the respective wireless communication terminals, a terminal configuration table for managing wireless communication network interfaces implemented in the respective wireless communication terminals, and a preference setting table for managing the order of the wireless communication networks acting as switching candidates when the wireless communication networks are continuously switched, and the wireless communication server updates the geographical position of the wireless communication terminal, which is obtained from the respective wireless communication terminal, and informs the wireless communication terminal of available wireless networks when the respective wireless communication terminal enters an out-of-service area.

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